

APPLICATION FOR PERMIT TO DRILL

1. The Location:
 - A. On Exhibit I (Plat)
2. Elevation:
 - A. On Exhibit I (Plat)
3. Geologic Name of the Surface Formation:
 - A. Ojo Alamo
4. Drilling Tools and Associated Equipment to Utilized:
 - A. Listed in Space 20
 - B. B.O.P as listed in A.P.D.
5. Proposed Drilling Depth:
 - A. Listed in space 19
6. Esitmated Tops of Important Geologic Markers:
 - A. Kirtland 60 feet, Farmington 170 feet, Fruitland 800 feet, and Pictured Cliffs 1050 feet.
7. The estimated depths at which anticipated water, oil, gas or other mineral bearing formation are expected to be encountered.
 - A. Water: 60 feet
 - B. Oil: None
 - C. Gas: 1050 feet
 - D. Mineral Formations: Possible coal at 800 feet.
8. Casing program including the size, grade and weight of each string and whether new or used:
 - A. Space 23 on A.P.D.
 - B. Space 23 on A.P.D.
 - C. Surface pipe will be used 7" 20# H40, and production pipe will be 2 7/8" 6.4# N-80 used.